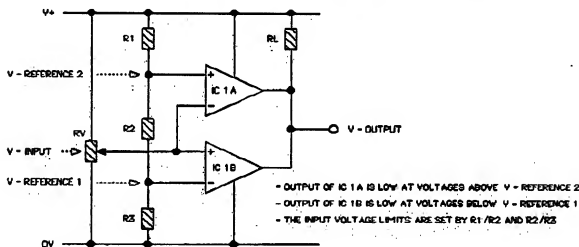


the both outputs are HIGH when the voltage is within the desired limits. The LM311 comparator can have other output arrangements as it has both an open collector and open emitter on the output transistor.

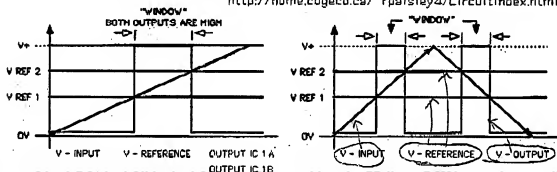
VOLTAGE WINDOW DETECTOR CIRCUIT

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Comparator Window Detector



<http://home.cogeco.ca/~rpaisley4/CircuitIndex.html>



Window Comparator

Comparator Oscillator Circuit

Comparators can also be used as oscillators but are not well suited for this type of application.